

What is claimed is:

1. A shoe comprising a shoe having an upper, a sole, and an adjustable footbed canting assembly comprising an adjustably movable side wedge which moves predominantly laterally relative to the length-wise axis of the shoe to change the transverse canting attitude of the footbed canting assembly relative to a weight-bearing foot thereover and supported thereon.

2. The shoe of Claim 1, further containing means to prevent entry of unwanted foreign matter.

3. The shoe of Claim 1, wherein the adjustable support means is not removable from the shoe.

4. The shoe of Claim 1, wherein the adjustable movable side wedge is moved by a manually operable means.

5. The shoe of Claim 4, wherein the manually operable means comprises a manually adjusted cam located in a mid-portion of the shoe forward of the breast of the heel.

6. The shoe of Claim 4, wherein the manually operable means are controlled from an outer surface of the shoe.

7. The shoe of Claim 4, wherein the manually operable means are controlled from an inner surface of the shoe.

8. The shoe of Claim 1, wherein the adjustable footbed canting assembly is removably insertable in the shoe.

9. An adjustable foot support system for use in a shoe, having a toe

portion, a heel portion, and a mid-portion therebetween, comprising

(i) a footbed assembly which has a longitudinal center, a flat bottom surface and an upper surface which has raised peripheral edges at the mid-portion that slope gradually downward from each edge toward the longitudinal center of the foot-bed assembly so as to form a concave shaped surface facing upward at about the mid-portion;

(ii) a shim member having a toe portion, a heel portion, a mid-portion therebetween and comprising a wedge, wherein the wedge is joined at the toe portion and the heel portion and has a central hinge area therebetween, and having a flat upper surface and a lower surface which has a transversely wedged contour at about the mid-portions of the shim facing downward, thereby matching and fitting together with the footbed assembly located therebelow, and having the shim mid-portion being narrower than the corresponding footbed assembly mid-portion location, and

(iii) a means located forward of the breast of the heel for moving the wedge transversely to adjust the angle of the flat upper surface of the shim member relative to the flat bottom surface of the footbed assembly.

10. The adjustable foot support system of Claim 9, wherein the wedge comprises a left wedge and a right wedge, wherein the left wedge and the right wedge are joined at the toe portion and the heel portion and have an unconnected central area therebetween, and wherein the left wedge and the right wedge each have a hinge extending into the unconnected central area, and have a flat upper surface and a lower surface which have a transversely wedged contour at about the mid-portions of the shim facing downward, thereby matching and fitting together with the footbed assembly located therebelow and a means located forward of the breast of the heel of the shoe for moving both the left wedge and the right wedge transversely to adjust the angle of the flat upper surface of the shim member relative to the flat bottom surface of the footbed assembly.

11. The adjustable support system of Claim 10, wherein the means for moving the wedges comprises a manually adjustable cam member attached to the

footbed assembly and the wedges in a manner so as to allow movement of the wedges relative to the footbed assembly.

12. The adjustable support system of Claim 10, wherein the hinge in the left wedge is a slot in the mid-portion thereof extending toward the right wedge and the hinge in the right wedge is a slot in the mid-portion thereof extending toward the left wedge.

13. The adjustable support system of Claim 10, wherein the system is removably insertable in a shoe.

14. The adjustable support system of Claim 10, wherein the shim is substantially the same length as the footbed assembly.

15. The adjustable support system of Claim 10, wherein the shim is shorter than the footbed assembly.

16. The adjustable support system of Claim 10, wherein the left wedge, the right wedge, and the unconnected central area therebetween in total are about 5 to about 35% narrower than the corresponding mid-portion location of the footbed assembly.

17. A shoe comprising a shoe upper, a shoe bottom, and an adjustable foot support system in the shoe, said support system comprising: (i) a footbed assembly having a longitudinal center, a toe portion, a heel portion, and a mid-portion therebetween, and having a bottom surface and an upper surface which has raised peripheral edges at the mid-portion that slope gradually downward from each edge toward the longitudinal center of the footbed assembly so as to form a concave shaped surface facing upward at the mid-portion; (ii) a shim member having a toe portion, a heel portion, a mid-portion there-between and comprising a wedge, wherein the wedge is joined at the toe portion and the heel portion and has a central

hinge area therebetween, and having a flat upper surface and a lower surface which has a transversely wedged contour at about the mid-portions of the shim facing downward, thereby matching and fitting together with the footbed assembly located therebelow, and having the shim mid-portion being narrower than the corresponding footbed assembly mid-portion location, and (iii) a means located forward of the breast of the heel of the shoe for moving the wedge transversely to adjust the angle of the flat upper surface of the shim member relative to the flat bottom surface of the footbed assembly.

18. The shoe of Claim 17, wherein the wedge comprises a left wedge and a right wedge, wherein the left wedge and the right wedge are joined at the toe portion and the heel portion and have an unconnected central area therebetween, and wherein the left wedge and the right wedge each have a hinge extending into the unconnected central area, and have a flat upper surface and a lower surface which have a transversely wedged contour at about the mid-portions of the shim facing downward, thereby matching and fitting together with the footbed assembly located therebelow and a means located forward of the breast of the heel of the shoe for moving both the left wedge and the right wedge transversely to adjust the angle of the flat upper surface of the shim member relative to the flat bottom surface of the footbed assembly.

19. The shoe of Claim 18, wherein the means for moving the wedges extends through the bottom of the shoe.

20. The shoe of Claim 18, wherein the means for moving the wedges is accessible from within the shoe.

21. The shoe of Claim 18, wherein the means for moving the wedges comprises a manually adjustable cam member attached to the footbed assembly and the shim member in a manner so as to allow movement of the shim member relative to the footbed assembly.

22. The shoe of Claim 18, wherein the hinge in the left wedge is a slot in the mid-portion thereof extending toward the right wedge and the hinge in the right wedge is a slot in the mid-portion thereof extending toward the left wedge.

23. The shoe of Claim 18, wherein the left wedge, the right wedge, and the unconnected central area therebetween in total are about 5 to about 35% narrower than the corresponding mid-portion location of the footbed assembly.

2025 RELEASE UNDER E.O. 14176